Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A cool air supplying apparatus of a refrigerator, comprising:

a guide passage formed at a rear wall of a refrigerating chamber and provided with

a plurality of discharge ports towards the refrigerating chamber for guiding cool air to a rear side

of the refrigerating chamber, wherein the plurality of discharge ports are formed at a distance

from each other in a widthwise direction of the guide passage;

temperature sensors installed at each position of the refrigerating chamber, for detecting temperature inside the refrigerating chamber;

a direction control plate disposed near a surface of the guide passage where the discharge ports are formed and moving along a widthwise direction of the guide passage, for selectively opening and closing a selection of the discharge ports to control a direction of cool air discharged into the refrigerating chamber;

a control plate driving unit for moving the direction control plate; and
a control unit for automatically controlling the control plate driving unit according
to temperature inside the refrigerating chamber detected by the temperature sensors.

- 2. (Original) The apparatus of claim 1, wherein the control plate driving unit comprises:
 - a driving motor for providing a driving force;
 - a rack gear installed at one side of the direction control plate; and
- a pinion gear installed at a motor shaft of the driving motor and engaged to the rack gear, for transmitting a driving force of the driving motor to the rack gear.
- 3. (Original) The apparatus of claim 2, wherein the driving motor is a stepping motor rotated at a certain step angle.
- 4. (Currently Amended) The apparatus of claim 1, wherein the <u>selected</u> discharge ports positioned at a side corresponding to a direction that the direction control plate is moved are closed and the <u>selected</u> discharge ports positioned at an opposite side to a direction that the direction control plate is moved are opened when the direction control plate is moved to one side from a widthwise direction center of the guide passage.
- 5. (Original) The apparatus of claim 1, wherein the direction control plate is provided with a connection hole perforated at a position spaced from a center of the direction control plate with a certain distance, and the connection hole is connected to one discharge port by a movement of the direction control plate.

- 6. (Original) The apparatus of claim 5, wherein all the discharge ports are opened when the connection hole is connected to one of the discharge ports.
- 7. (Original) The apparatus of claim 1, wherein the guide passage comprises:

 a guiding groove formed to be long in a longitudinal direction at a rear wall of the refrigerating chamber; and

a guiding plate installed at a front side of the guiding groove and provided with a plurality of discharge ports along lengthwise and widthwise directions thereof.

- 8. (Previously Presented) The apparatus of claim 7, wherein the guiding plate and the direction control plate are protruding towards the refrigerating chamber and have a sectional surface of a circular arc shape.
 - 9. (Original) The apparatus of claim 1, further comprising:

left and right guide passages formed at left and right walls of the refrigerating chamber and provided with a plurality of supply ports towards the refrigerating chamber along a lengthwise direction thereof, for guiding cool air to left and right sides of the refrigerating chamber; and

an upper guide passage formed at an upper side of the refrigerating chamber for guiding cool air to the upper side of the refrigerating chamber.

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10. (Currently Amended) A cool air supplying apparatus of a refrigerator, comprising: a guide passage formed at a rear wall of a refrigerating chamber and provided with a plurality of discharge ports towards the refrigerating chamber for guiding cool air to a rear side of the refrigerating chamber, wherein the plurality of discharge ports are formed at a distance from each other in a widthwise direction of the guide passage;

a direction control unit installed at the guide passage for selectively opening and closing a selection of the discharge ports in order to control a discharge direction of cool air discharged into the refrigerating chamber;

detecting a position where high temperature load is generated in the refrigerating chamber; and a control unit for automatically controlling the direction control unit in order to set a discharge direction of cool air to be towards the position where high temperature load is generated according to a temperature signal detected by the temperature sensors.

11. (Currently Amended) The apparatus of claim 10, wherein the direction control unit comprises:

a direction control plate disposed near a surface where the discharge ports are formed and moving along a widthwise direction of the guide passage, for selectively opening and closing the <u>selected</u> discharge ports; and

a control plate driving unit for moving the direction control plate.

- 12. (Original) The apparatus of claim 11, wherein the direction control plate is provided with a connection hole perforated at a position spaced from a center of the direction control plate with a certain distance, and the connection hole is connected to one discharge port by a movement of the direction control plate.
- 13. (Original) The apparatus of claim 12, wherein all the discharge ports are opened when the connection hole is connected to one discharge port.
- 14. (Original) The apparatus of claim 11, wherein the control plate driving unit comprises:
 - a driving motor for providing a driving force;
 - a rack gear installed at one side of the direction control plate; and
- a pinion gear installed at a motor shaft of the driving motor and engaged to the rack gear, for transmitting a driving force generated from the driving motor to the rack gear.
- 15. (Original) The apparatus of claim 14, wherein the driving motor is a stepping motor rotated at a certain step angle.
 - 16. (Original) The apparatus of claim 10, wherein the guide passage is protruding

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towards the refrigerating chamber and has a sectional surface of a circular arc shape.

17. (Original) The apparatus of claim 10, further comprising:

left and right guide passages formed at left and right walls of the refrigerating chamber and provided with a plurality of supply ports towards the refrigerating chamber along a lengthwise direction thereof, for guiding cool air to left and right sides of the refrigerating chamber; and

an upper guide passage formed at an upper side of the refrigerating chamber for guiding cool air to the upper side of the refrigerating chamber.

18. (Currently Amended) A cool air supplying apparatus of a refrigerator, comprising:
a guide passage formed at a rear wall of the refrigerating chamber and provided
with a plurality of discharge ports configured to guide cool air to a rear side of the refrigerating
chamber; and

a direction control plate configured to selectively open and close <u>a selection of</u> the discharge ports to selectively direct cool air to different portions of the refrigerating chamber.

- 19. (Previously Presented) The cool air supplying apparatus of a refrigerator of claim18, further comprising:
 - a plurality of temperature sensors that generate temperature signals; and

a controller configured to receive the temperature signals and to control the direction control plate, based on the temperature signals, so as to direct cool air to the warmest portions of the refrigerating chamber.

- 20. (Previously Presented) The direction control plate of claim 19, wherein the direction control plate has at least one connection hole which can be aligned with a discharge port of the guide passage.
- 21. (Currently Amended) The cool air supplying apparatus of claim 1, wherein the guide passage extends in a longitudinal direction, said guide passage having a plurality of discharge ports formed at a distance from each other, in a widthwise direction of the guide passage, and wherein the direction control plate controls a discharging direction of cool air by selectively opening and closing the <u>selected</u> discharge ports.
- 22. (Previously Presented) The apparatus of claim 21, wherein a width of the direction control plate is smaller than a distance between two discharge ports respectively positioned near both ends of the guide passage in a widthwise direction of the guide passage.
- 23. (Previously Presented) The apparatus of claim 21, wherein at least one discharge port is maintained in an opened state.

- 24. (Previously Presented) The apparatus of claim 21, wherein groups of the discharge ports are formed at a distance from each other in a longitudinal direction of the guide passage.
- 25. (Currently Amended) The cool air supplying apparatus of claim 10, wherein the guide passage extends in a longitudinal direction, said guide passage having a plurality of discharge ports formed at a distance from each other in a widthwise direction of the guide passage, and wherein the direction control unit controls a discharging direction of cool air by selectively opening and closing the <u>selected</u> discharge ports.